Amendments to the Specification

On page 2, please amend the paragraph starting on line 21 of page 1 as follows:

This application is also related to the following co-pending U.S. patent applications, the contents of which are incorporated herein in their entirety by reference:

"A NOVEL APPROACH TO SPEECH RECOGNITION", U.S. Patent Application Serial Number 09/815,768 ~~, attorney docket number ELZK-001~~; and

"PHONETIC DATA PROCESSING SYSTEM AND METHOD", U.S. Patent Application Serial Number 09/815,769 ~~, attorney docket number ELZK-002~~;

"REMOTE SERVER OBJECT ARCHITECTURE FOR SPEECH RECOGNITION", U.S. Patent Application Serial Number 09/815,808 ~~, attorney docket number ELZK-003~~.

On page 6, please amend the paragraph starting on line 15 as follows:

A SR system includes a SR platform and SR application program. The SR system serves as an interface or gateway between a user accessible network and an application system (i.e., source) that generates the Web page that includes the application script. The application script source may be local ~~or remote~~ or remote to the SR system. If the SR system is to access a remote application system, the SR system includes page address information (e.g., URLs) and may be configured to access the application system and download the Web page in response to an incoming call.

On page 6, please amend the paragraph starting on line 19 as follows:

The SR platform may be, for example, a standard server having a network interface that facilitates receipt of audio information. The network interface may facilitate reception of audio information by any of a variety of a networks, such as telephone networks, cellular telephone networks, the Web, Internet, local area networks (LANs), wide area networks (WANs), private networks, virtual private networks (VPNs), intranets, extranets, wireless networks, and the like, or some combination thereof. The SR system may be accessible by any one or more of a variety of devices capable of communicating audio information, such as telephone, cellular telephone, personal computer (PC), personal digital assistant (PDA) or other types of audio enabled devices.

On page 8, please amend the paragraph starting on line 4 as follows:

An semantic interface to the SR application exposes the application script to the SR system. The semantic interface is written as an object that is local to the SR system, such as an ActiveX object. The semantic interface object includes standard HTML browser functionality, including tag processing, hyper references, and so forth. The semantic interface object also supports HTML extensions, such as Dialog, Play, and Record, as well as other known HTML extensions. If there are script tags residing on the Web page, the semantic interface loads a corresponding script engine. Since the semantic interface is coded as a high-level object interface, it need not be customized for the application script. Through the semantic interface object, the application script controls the SR system. For example, the application script can task the SR application to begin recognition,

play back a file, play a prompt, and so on. Such tasking may be accomplished using standard object oriented design (OOD) calls and methods.

On page 9, please amend the paragraph starting on page 8 line 15 as follows:

The SR application functionality is configured to produce and return a context free set of semantic data representing all possible valid interpretations of a received audio input. That is, the SR system may be configured to perform syntactic and semantic processing using a common, root grammar or set of grammars to produce a semantic data representing a plurality of valid interpretations of a received audio input. The semantic data is represented in a semantic object (or objects) passed from the SR application to the application script. Each semantic object passes through the semantic interface to an evaluation interface of the application script. The evaluation interface can also be written as an ActiveX object, which may serve as an evaluation (or interpretation) tool to the application script. The application script provides a context to the evaluation interface. The evaluation interface determines the a category as a function of the context and applies the category to the set of semantic data to obtain a specific interpretation of the set of semantic data, from all of the possible interpretations. This specific result may be referred to as a linguistic result, representing a word, phrase, or values. Once the linguistic result is determined, the application script processes the result to determine its next action or prompt for the user.

On page 11, please amend the paragraph starting on line 12 as follows:

US Ser. No. 09/815,726   -4-

The present invention may be implemented on any one or more of a variety of devices, networks, and architectures. FIG. 1A shows one possible architecture 100 on which the present invention may be implemented. A SR system 120 includes a SR application program hosted on a standard platform, such as SR server 122. One or more associated databases 124 includes the SR application and data, such as context free grammar databases. The SR system serves as an interface or gateway between a user accessible network 130 and an application system (i.e., source) that generates the Web page that includes the application script. The application source may be local or remote to the SR system. In fact, the application script source may also be hosted on server 122. In other embodiments, application code may be hosted on an application server 110, having an associated database (DB) 112, that is coupled to the SR system via any one of a variety of standard networks 150. In yet other embodiments, the SR system may service a variety of application sources, some of which may be local and others may be remote to the SR system. If the SR system is to access a remote application system, the SR system includes page address information (e.g., URLs) and may be configured to access the application system and download the Web page in response to an incoming call.
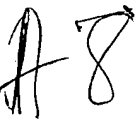
On page 15, please amend the paragraph starting on line 16 as follows:

The SR application 210 functionality is configured to produce and return a context free set of semantic data representing all possible valid interpretations of a received audio input. The SR system may be of the form described in commonly owned, co-pending application having the U.S. Patent Application Serial

Number ――――――――― (Attorney reference ELZK-002) 09/815,769, incorporated herein by reference. That is, the SR system 120 may be configured to perform syntactic and semantic processing using a common, root grammar or set of grammars to produce a semantic tree instance representing all possible valid interpretations of a received audio stream. The semantic data is represented in a semantic object (or objects) 244 passed from the SR application 210 to the application script 222'. Each semantic object 244 passes through the Teller interface 240 to an evaluation interface 250 of the application script.

On page 16, please amend the paragraph starting on line 18 as follows:

Categories are identified by their names. They specify the particular semantic interpretation required. Note that a semantic object 244 may be capable of interpretation using any one of multiple valid categories. These categories control different semantic interpretations of the semantic object, depending on context. Collectively, the categories describe all possible valid interpretations of the semantic object. Because all contexts are represented, this allows the semantic object to be used and re-used in a context-independent manner. Examples of Categories are: "number", "string", "digits", "car-model".